Software User's Manual
Server COE Web Help (Software)
(ServerCOEWEBHelpSW)
Version 1.0.0.1 (HP-UX 10.20)

September 29, 1997

Table of Contents

Preface

The following conventions are used in this document:

Bold	Used for information that is typed, pressed, or selected in executables and instructions. For example, select **connect to host**.
Italics	Used for file names, directories, scripts, commands, user IDs, document names, and Bibliography references; and any unusual computerese the first time it is used in text.
<u>Underline</u>	Used for emphasis.
Arrows <>	Used to identify keys on the keyboard. For example <Return>.
"Quotation Marks"	Used to identify informal, computer-generated queries and reports, or coined names; and to clarify a term when it appears for the first time. For example "Data-Generation Report."
`Courier Font`	Used to denote anything as it appears on the screen or command lines. For example `tar xvf dev/rmt/3mm`.
Capitalization	Used to identify keys, screen icons, screen buttons, field, and menu names.

1. User's Manual

1.1 Scope

This Software User's Manual (SUM) provides user information about the Server Common Operating Environment (COE) Web Help Software (COEWEBHelpSW) segment for the Defense Information Infrastructure (DII) for Hewlett-Packard (HP)-based machines.

1.1.1 Identification

The following is the identification information for the ServerCOEWEBHelpSW segment:

Segment Name:	Server COE Web Help (Software)
Segment Type:	SOFTWARE
Prefix:	SWHSW
Home Directory:	*/h/ServerCOEWEBHelpSW*
Required License:	None
Version Number:	1.0.0.1
Platform:	HP (UNIX) Workstation/HP-UX 10.20

1.1.2 System Overview

WebHelp is a developer's aid to assist in developing application help that is available through a Web browser. It is delivered in two versions: COEWEBHelpSW and ServerCOEWEBHelpSW. The COEWEBHelpSW segment provides guidance on developing WebHelp for HTML help files that are to be stored with the application to which they pertain. The ServerCOEWEBHelpSW segment provides guidance on developing WebHelp for help files that are to be stored local to, managed by, and accessed via a Web server.

This page intentionally left blank.

2. Referenced Documents

C "Installation Procedures - COE Web Help Software Segment" delivered with the COEWEBHelpSW segment, V1.0.0.1.

C "Installation Procedures - COE Web Help Data Segment" delivered with the COEWEBHelpDATA segment, V1.0.0.1.

C "Installation Procedures - Server COE Web Help (Software)" delivered with the ServerCOEWEBHelpSW segment, V1.0.0.1.

C "Installation Procedures - Server COE Web Help (Data)" delivered with the COEWEBHelpDATA segment, V1.0.0.1.

This page intentionally left blank.

3. Software Summary

3.1   Software Description

Developers may use the COEWEBHelpSW segment as an aid to develop and implement segment-based Web help documents. Developers may use the ServerCOEWEBHelpSW segment as an aid for developing and implementing server-based Web help documents.

3.2   Software Inventory

- C   Both the COE Web Help Software segment and the Server COE Web Help (Software) segment require the DII COE Netscape Web Browser segment, V3.0.0.x.

- C   The ServerCOEWEBHelpSW segment requires the DII COE Netsite Web Server segment, V1.0.0.2/1.12.

- C   The COE Web Help Software segment must be installed to operate the segment-based COE Web Help sample application (see Appendix A for file listing).

- C   The Server COE Web Help (Software) must be installed to operate the server-based COE Web Help sample application (see Appendix A for file listing).

3.3   Software Environment

The COEWEBHelpSW segment requires the following hardware, software, equipment, manuals, and other resources needed to install and operate the software:

- C   COEWEBHelpSW V1.0.0.1
- C   OS: HP-UX 10.20 or Solaris 2.5.1
- C   DISK: 55 KB
- C   MEMORY: 16000 KB
- C   *Installation Procedures* delivered with the COEWEBHelpSW segment, V1.0.0.1

The ServerCOEWEBHelpSW segment requires the following hardware, software, equipment, manuals, and other resources needed to install and operate the software:

- C   ServerCOEWEBHelpSW V1.0.0.1
- C   OS: HP-UX 10.20 or Solaris 2.5.1
- C   DISK: 55 KB
- C   MEMORY: 16000 KB

C   *Installation Procedures* delivered with the ServerCOEWEBHelpSW segment, V1.0.0.1

3.4   Software Organization and Operation Overview

A DII COE Web-based help solution comprises both a <u>data</u> and a <u>software</u> segment. The data segment contains the actual Web help source files pertaining to a specific mission application while the software segment contains source and/or executable code of the mission application itself. There are two implementation approaches for Web-based help. Each approach describes where the Web help source files are logically located in a DII COE environment and how they are to be accessed.

A total of four sample segments have been provided for both HP and Sun platforms to help illustrate how to implement two distinct Web help solutions. These sample segments are as follows:

COE Web Help Software (COEWEBHelpSW)—sample software segment for a <u>segment</u>-based Web Help solution.

COE Web Help Data (COEWEBHelpDATA)—sample data segment for a <u>segment</u>-based Web Help solution.

Server COE Web Help (Software) (ServerCOEWEBHelpSW)—sample software segment for a <u>server</u>-based Web Help solution.

Server COE Web Help (Data) (ServerCOEWEBHelpDATA)—sample data segment or a <u>server</u>-based Web Help solution.

The COEWEBHelpSW and COEWEBHelpDATA segments are associated segments designed to illustrate a segment-based Web Help solution. These segments should be installed together, with the software segment being installed first.

The ServerCOEWEBHelpSW and the ServerCOEWEBHelpDATA segments are associated segments designed to illustrate a server-based Web Help solution. These segments may be installed in any order. However, it is important to note that a Web server <u>must</u> exist on the installation machine before the ServerCOEWEBHelpDATA segment can be installed.

Each implementation provides access to a sample Motif application which is used to access a sample Web Help document (i.e., *COE Web Help Programmer's Manual*) using the Netscape Web Browser.
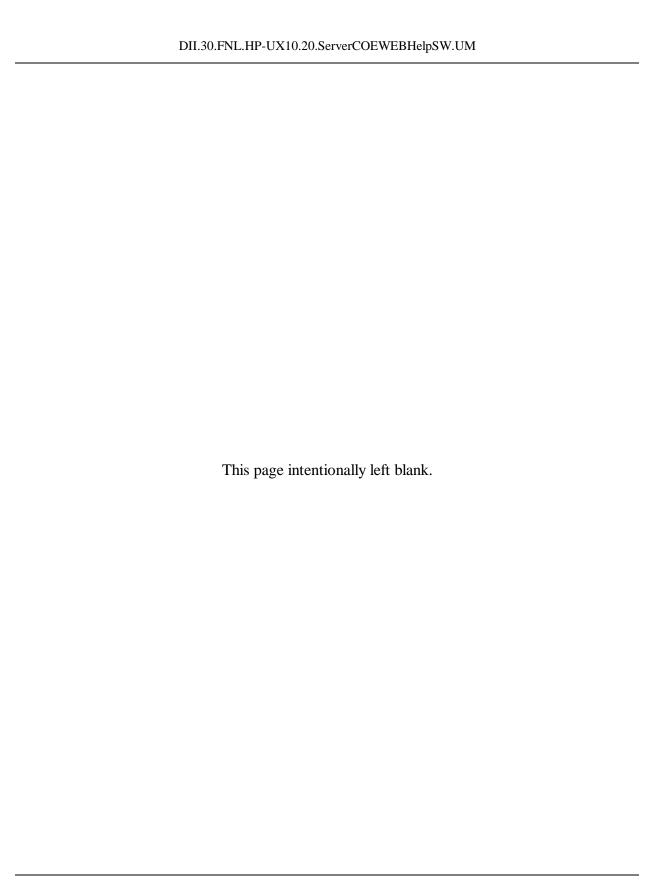
3.5   Modes of Operation

Not applicable.

3.6   Security and Privacy

There are no security or privacy considerations associated with the software contained in either the COEWEBHelpSW or ServerCOEWEBHelpSW segments.

3.7   Assistance and Problem Reporting

The following person may be reached to obtain assistance and report problems with these segments:

Technical POC: Terry Coles   e-mail: terryc@fortress.saic.com   phone: 703-734-4064

This page intentionally left blank.

4. Access to the Software

The following describes the procedures on how to run the sample Motif application contained in the Web Help Software segments:

Step 1:   For the COEWEBHelpSW segment, enter the following command at the command prompt:

```
/h/COEWEBHelpSW/bin/WHSW_COEWEBSampleApp <ENTER>
```

For the ServerCOEWEBHelpSW segment, enter the following command at the command prompt:

```
/h/ServerCOEWEBHelpSW/bin/SWHSW_COEWEBSampleApp <ENTER>
```

Step 2:   Click on the **Help** menu at the top right-hand corner of the application window

Step 3:   Click on the **COE Web Help** menu item

Step 4:   To exit the Netscape browser, select the **Close** menu option on the File menu at the top left-hand corner of the Netscape Browser window

Step 5:   To exit the COE Web Help sample application, select the **Exit** menu option on the File menu at the top left-hand corner of the application window

4.1   Software Setup

Install the Software and Data segments according to the installation procedures provided in the following documentation for either HP or SUN platforms:

C   To install the segment-based COEWEBHelpSW segment, use the *Installation Procedures* delivered with the COEWEBHelpSW segment, V1.0.0.1.

C   To install the segment-based COEWEBHelpDATA segment, use the *Installation Procedures* delivered with the COEWEBHelpDATA segment, V1.0.0.1.

C   To install the server-based ServerCOEWEBHelpSW segment, use the *Installation Procedures* delivered with the ServerCOEWEBHelpSW segment, V1.0.0.1.

C   To install the server-based ServerCOEWEBHelpDATA segment, use the *Installation Procedures* delivered with the ServerCOEWEBHelpDATA segment, V1.0.0.1.

4.1.1   Familiarization

The File and Help menus can be found on the application menu bar located at the top of the COE Web Help sample application window.

4.1.2   Access Control

Not applicable.

4.1.3   Installation and Configuration

See Section 3.1, "Software Setup" for this information.

4.2   Initiating a Session

Not applicable.

4.3   Stopping and Suspending Work

The Web Help Sample Application window will disappear after properly exiting the application.

5. Web Help Processing Guide

See Section 4.2, "Initiating a Session" for details.

5.1   Capabilities

The COE Web Help menu item calls a program that generates a properly formatted URL for the given implementation of Web Help being used (i.e., it generates a *file:/* URL for the segment-based Web Help sample application and an *http://* URL for the server-based Web Help sample application) and opens the *COE Web Help Programmer's Manual* using the Netscape Web browser.

5.2   Conventions

Not applicable.

5.3   Processing Procedures

Not applicable.

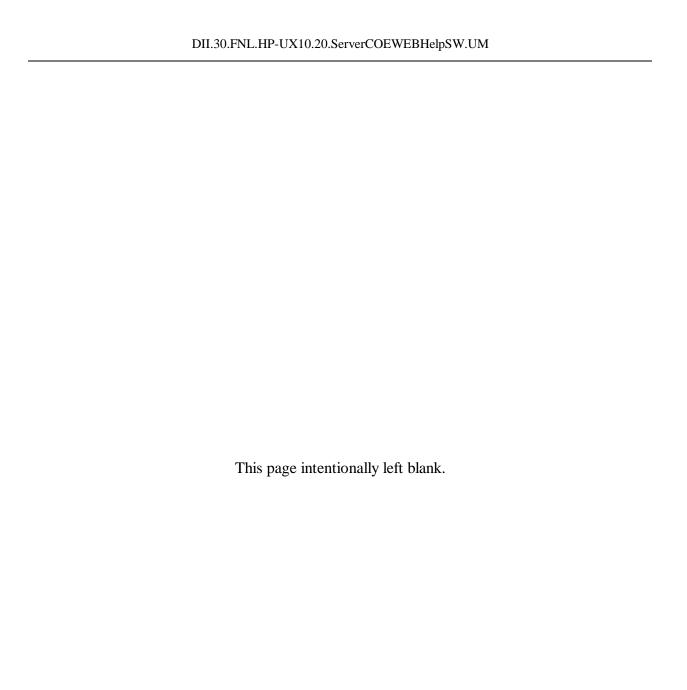### 5.4   Related Processing

Not applicable.

5.5   Data Backup

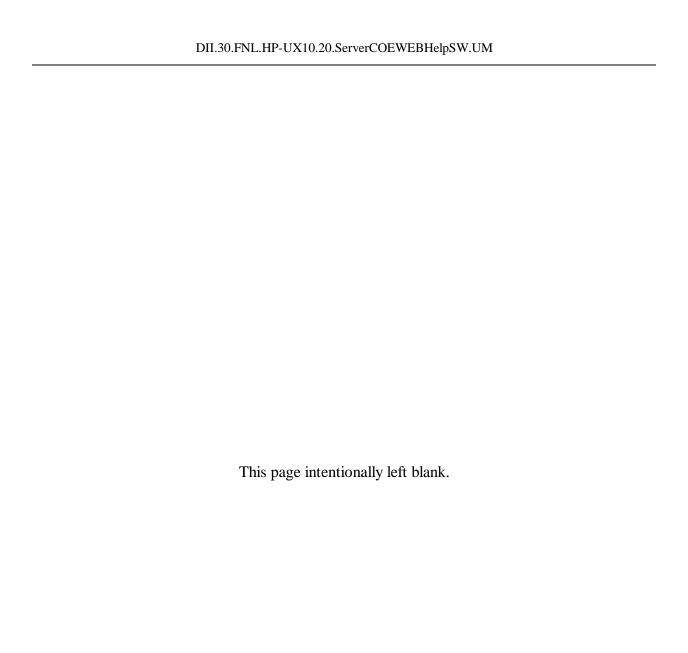Not applicable.

5.6   Error Recovery

Not applicable.

5.7   Messages

Not applicable.

This page intentionally left blank.

6. Notes

None.

This page intentionally left blank.

Appendix A

Software Listing for COE Web Help Software Segment, V1.0.0.1:

```
PATH: /h/COEWEBHelpSW:
Integ
Scripts
SegDescrip
bin
data
icons

PATH: /h /COEWEBHelpSW/Integ:
IntegNotes
VSOutput

PATH: /h /COEWEBHelpSW/Scripts:

PATH: /h /COEWEBHelpSW/SegDescrip:
DEINSTALL
PostInstall
ReleaseNotes
SegInfo
SegName
VERSION
Validated

PATH: /h /COEWEBHelpSW/bin:
WHSW_COEWEBSampleApp
WHSW_call_COEWEBHelp

PATH: /h /COEWEBHelpSW/data:

PATH: /h /COEWEBHelpSW/icons:
Dtcalc.l.pm
pick_3d.l.pm
world.l.pm
```

Software Listing for Server COE Web Help (Software), V1.0.0.1:

```
PATH: /h/ServerCOEWEBHelpSW:
Integ
Scripts
SegDescrip
```

```
bin
data
icons

PATH: /h/ServerCOEWEBHelpSW/Integ:
IntegNotes
VSOutput

PATH: /h/ServerCOEWEBHelpSW/Scripts:

PATH: /h/ServerCOEWEBHelpSW/SegDescrip:
DEINSTALL
PostInstall
ReleaseNotes
SegInfo
SegName
VERSION
Validated

PATH: /h/ServerCOEWEBHelpSW/bin:
SWHSW_COEWEBSampleApp
SWHSW_call_COEWEBHelp

PATH: /h/ServerCOEWEBHelpSW/data:

PATH: /h/ServerCOEWEBHelpSW/icons:
DtMouse.pm
Dtcalc.l.pm
pick_3d.l.pm
world.l.pm
```